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State of Montene,
County of Phillips,
Filed for Record this or Record this. 8 the

ener to enterest from countries foresterings of recovering to their world of etrels mor with is drilling, such as that ship, state, graved, coop or sand, etc. More out in one's when tolder in this bin white yourself the district the children and thickness of the fiftherene

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County Phys		

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

### WATER WELL LOG

	Ha a D	.2 0/ /	· / · /	2. 4
	Owner Stadepolen			
19	Driller	4	Address	0-4 90 1019
	Date Started	1947	Date Comple	Sept 22, 1917
	Location: Sec. 19		STORE OF	F
<u> </u>	Location: Sec	To. or Town Howard of	Eotary	
Type of well		Equipment us	ed	III, rotary, other)
Water use: Domestic	Municipal	s s		Irrigation
Industrial		r1	•	7
Casing:	21,0 ft. toft.	Type	Size	
	ft, toft,	Type	Size	1nth
_	ft. toft.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
-	440	Type	1	100
Perforated or Screened	l: Ft to fo	F	t 3/16 holes	to ft
Type of screen or perfor	rations			**************************************
Static Water level, for r	non-flowing well:			feet.
Shut-in pressure, for fl	owing well:	lb./sg. in.	on:	
		-	•	date)
Pumping water level	1e	et at	gal. 1	per min
How tested:	***************************************			
Length of test				
Remarks: (Gravel nac	king, cementing, packers,	type of shut-off. d	epth of shut-off)	
	all flows 9 galloos po			o tent pressure
P*************************************	***************************************	***************************************		***************************************
***************************************	***************************************	***************************************	***************************************	
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Log of Well

	ı, feet	Description of Material Drilled	
From	То		
0	70	entity present eyes.	
70	130	sand some graved.	
		4000 ft.s.a.r.	
135	142	Swerg	
142	4,05	pear ban spare	
405	4053	rock	
4054	433	dendy shale	
433	4334	rock	
4334	448	sundy shalls	
448	1110	rode	1
44.5	455	- Maia	
455	470	nandatore	
-470	503	Sandy blue shale	
503	505	- zod	
505	515	sandy hime shale	
53.5	559	sandstone	
	7		
333	568	rock layer sandstone rock layer at 560	
568	592	sandstons snok layer at 592	
592	592	sandstone	
-625	630	sandy blue shake	
630	695	better sendstone	
635	636	rock layers	
638	642	good sandstone	
682	645	rosk laver	
645	657	good sendstone	
645 657 658	635	100	
		eundatome	
665	670	become alsolate	
670	770	good sandstone	
770	600	bether sunistane	
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, area,	c	Approved Stock Form—State Pu	abilahing Co., Helena, Montana 1234
9. 17.	li li		m 23 N 31 €
ile No	· '\ \		Phillips .
UPLICATE	1 7 9 0	STATE OF MONTANA	County
₹Ą.	( \vec{V} ADMINES	FRATOR OF GROUNDWATER CO.	DECEIVED
	17	JOE OF STATE ENGINEER	M nec 26 1963
Fleur ADN		CV-1-1 C	220 - 1000
ैंं	Declaration o	f Vested Groundwater pter 237, Montana Session Laws, 196	STATE ENGINEER
	(Under Cha	pter 237, Montana Session Laws, 190	01)
	Wiederrick Brothers		Region
L	(Name of Appropriator)	(Address)	(Town)
County of	Phillips	State of Montana g to the Montana laws in effect pr	jor to January 1, 1962, as follows:
mave approp	N	g w mic montains man an arrang by	
<u> </u>		2. The beneficial use on which the c	ateck water
		*************************************	
		3. Date or approximate date of ear	rliest beneficial use; and how continu- 22, 1947 continuous
		ous the use has been	AZ, AY47 CONSTRUCTOR
v <del> </del>	19	**************************************	
		4 The amount of groundwater c	laimed (in miner's inches or gallons
		per minute) gallen	laimed (in miner's inches or gallons
	1		
		5. If used for irrigation, give the	acreage and description of the lands
	В	to which water has been appl	lied and name of the owner thereof
SE1/4 SE Sec	19 T 23 R 31	*************************************	
Indicate point	of appropriation		
	se, if possible. Each represents 10 acres.	6. The means of withdrawing such	water from the ground and the loca-
		tion of each well or other means	of withdrawal
		#1.00===================================	***************************************
7. The date	of commencement and com	pletion of the construction of the w	vell, wells, or other works for with-
drawal of	groundwater	eptember 22, 1947	
***************************************			
8. The depth	of water tableunkn	780	***************************************
9. So far as works for	it may be available, the ty the withdrawal of groundwa 3" welded casing x	pe, size and depth of each well or to the weited casing for 210 rea 200 to 500 ft.	the general specifications of any other
***************************************	Perforated casing 5		boles
***************************************		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
40 81		302.400	gallons per year
	4	withdrawn each year 302,400 g	A do 120 fd dende bear etc.
11. The log o	of formations encountered in	the drilling of each well if available	0 to 120 ft. sandy brown clay
***************************************		**************************************	***************************************
12. Such other	er information of a similar	nature as may be useful in carrying	out the policy of this act, including
reference	to book and page of any co	inty record	**************************************
*************	***************************************		·
		Signature of Owner	1 Coderie D R son . K.
		organisate of Amber	Dunger to bouleasies
			Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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M. M.	T 23 N R 31 E
LICATE	County Phillips
	STATE OF MONTANA
√ ADI	MINISTRATOR OF GROUNDWATER CODE DECRET VE
	DEC 26 1963
Declaration (Under	on of Vested Groundwater Rights
(Unde	ler Chapter 237, Montana Session Laws, 1961) STATE ENGINE
Wiederrick Brothers	s Regima
(Name of Appropri	Manta na
ounty of Phillips	State of
N	working to the manual man a control part of the control part of th
	2. The beneficial use on which the claim is based. house and livestack
	3. Date or approximate date of earliest beneficial use; and how cont out the use has been 1939 continuous
	_ E
	4. The amount of groundwater claimed (in miner's inches or gal per minute) 3 gailens per minute
	per minute)
	•
*	5. If used for irrigation, give the acreage and description of the le to which water has been applied and name of the owner the none
NANUSec 20 T. 23 R.31	
icate point of appropriation	***************************************
l place of use, if possible. Each all square represents 10 acres.	6. The means of withdrawing such water from the ground and the
	tion of each well or other means of withdrawal flowing well
	***************************************
	and the second of the second o
The date of commencement an	nd completion of the construction of the well, wells, or other works for unknown
araum of Broamanananan	
***************************************	n ft.
The depth of water table94	
The depth of water table	the type, size and depth of each well or the general specifications of any
The depth of water table	the type, size and depth of each well or the general specifications of any coundwater.
The depth of water table	the type, size and depth of each well or the general specifications of any oundwater unknown
The depth of water table	the type, size and depth of each well or the general specifications of any oundwater unknown
The depth of water table	the type, size and depth of each well or the general specifications of any coundwater. unknown
The depth of water table	the type, size and depth of each well or the general specifications of any oundwater unknown
The depth of water table	the type, size and depth of each well or the general specifications of any coundwater. Unknown  ndwater withdrawn each year. 155,520 gallons por year.
The depth of water table	the type, size and depth of each well or the general specifications of any coundwater. Unknown  ndwater withdrawn each year 155,520 sallons per year ered in the drilling of each well if available not available.
The depth of water table	the type, size and depth of each well or the general specifications of any coundwater. unknown  ndwater withdrawn each year. 155,520 gallons por year.
The depth of water table	the type, size and depth of each well or the general specifications of any coundwater. unknown  ndwater withdrawn each year. 155,320 sallons pox year.
The depth of water table	the 13.26, size and depth of each well or the general specifications of any coundwater unknown  ndwater withdrawn each year. 155,520 gallons por year.  ered in the drilling of each well if available. not available.
The depth of water table	the 13.26, size and depth of each well or the general specifications of any coundwater. unknown  Industry withdrawn each year 155,520 gallons pox year  Bered in the drilling of each well if available
The depth of water table	the 13.26, size and depth of each well or the general specifications of any coundwater. unknown  Industry withdrawn each year 155,520 gallons pox year  Bered in the drilling of each well if available

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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State of Montana,	
County of Phillips,	∫ "
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GROUNDWATER INDEX

Page / of /

County _P	hillips	Twp.	@3 <i>n</i>	Rge.	33.6
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Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
33	1. S. Smith	1961	22 8608	
33	1. S. Smith	6N4	237/11	
34	J.S. Smith	1961	22 8609	
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MONTANA BUREAU OF MINES AND GEOLOGY ECEIVE

WATER WELL LOG	CTATE ENGINEED
	STATE ENGINEER
Owner 5. 5. Saleh	dares maitu, mostass
Driller Sayace Willing Conjung	ddress
Date Started March 8, 1961	•
Location: Sec T. 23	1
Type of well Equipment used (Dig. Griven, bored, or drilled)	(Churir arm, erotzey, other)
Water use: Domestic Municipal Stock	Irrigation
Industrial Drainage Other:	
Casing:ft. toft. Type _esreu_fcint	Sizekinch
Casing:ft. toft. Type	Size
Casing:ft. toft. Type.	Size
Perforated or Screened: Ft to ftgc to ftgc	to It
Type of screen or perforations	
Static Water level, for non-flowing well:	
Shut-in pressure, for flowing well:	(date)
Pumping water level feet at fe	gal per min
How tested: baller	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of	·
two rubber packers were used to have shut off and well	re telese works the perforation

(over)

į

Depth,		Description of Material Drilled
From	2,0	
o	15	brown alay
15	20	gravel
20	<b>9</b> 5	grey shale
55		rock layer
56	60	shale and sendstone
60	61	rock layer
61	140_	gray shale
140	143	rock layer
143	200	salt and peper conductors water
200	207	gray shale
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c.V		State of Monteria, County of Phillips, Fled for Record of County, and decrease.
	T	5 2 P

m. # 1507

le No	T_23N_B_33.
UPLICATE	County Phillips
` <b>A</b> S	STATE OF MONTANA  DMINISTRATOR OF GEOUNDWATER CODE OFFICE OF STATE ENGINEER  JAN 27 1964
	inder Chapter 237, Montana Session Laws, 1961)
J.J. Smith	priator) (Address) Malta (Town)
(Name of Approx	priator) (Address) (Town)  State of Montana
County of Phillips have appropriated groundwater	according to the Montana laws in effect prior to January 1, 1962, as follows:
N	2. The beneficial use on which the claim is based. Stock
x	3. Date or approximate date of earliest beneficial use; and how continued to the state of the st
	ous the use has been Mar. 14, 1961
	- E
	4. The amount of groundwater claimed (in miner's inches or gallo
	per minute) 6 gal. per min.
	•••
	5. If used for irrigation, give the acryage and description of the last to which water has been applied and name of the owner there
N14. NE. Sec33 T23. R33	
dicate point of appropriation	**************************************
nd place of use, if possible. Each nail square represents 10 acres.	6. The means of withdrawing such water from the ground and the lo tion of each well or other means of withdrawal gas engine & pump
Property and the second	and completion of the construction of the well, wells, or other works for with the wells, and the works for will the wells, and the wells, an
drawal of groundwater	
drawal of groundwater	
drawal of groundwater	oft.  e, the type, sire and depth of each well or the general specifications of any of roundwater.  Drilled 4 in steel casing.  207 ft. deep.
drawal of groundwater	of ft.  e, the type, sire and depth of each well or the general specifications of any of roundwater. Drilled 4 in steel casing
drawal of groundwater	oft.  e, the type, sirs and depth of each well or the general specifications of any of roundwater. Drilled 4 in steel casing.  207 ft. deep.
drawal of groundwater	of ft.  e, the type, sire and depth of each well or the general specifications of any of roundwater. Drilled 4 in steel casing
drawal of groundwater	e, the type, sirs and depth of each well or the general specifications of any of roundwater. Drilled 4 in steel casing 207 ft. deep.  207 ft. deep.  undwater withdrawn each year 300,000 gallons  tered in the drilling of each well if sysilable.
drawal of groundwater	e, the type, sire and depth of each well or the general specifications of any of roundwater. Drilled 4 in. steel casing 207 ft. deep.  andwater withdrawn each year 300,000 gallons  tered in the drilling of each well if svailable.  5-20 gravel, 20-55 grey shale, 55-56 rock layer, 56  8, 60-61 rock layer, 61-140 gray shale 140-143 rock.
drawal of groundwater	e, the type, sirs and depth of each well or the general specifications of any of roundwater. Drilled 4 in steel casing.  207 ft. deep.  andwater withdrawn each year. 300,000 gallons  tered in the drilling of each well if svailable.  5-20 gravel, 20-55 gray shale, 55-56 rock layer, 56 e, 60-61 rock layer. 61-140 gray shale 140-143 rock.  & pepper sandstone water 200-207 grey shale.  similar nature as may be useful in carrying out the policy of this act, include
drawal of groundwater	e, the type, sirs and depth of each well or the general specifications of any of roundwater. Drilled 4 in. steel casing.  207 ft. deep.  andwater withdrawn each year. 300,000 gallons  tered in the drilling of each well if svailable.  5-20 gravel, 20-55 grey shale, 55-56 rock layer, 56 e, 60-61 rock layer, 61-140 gray shale 140-143 rock.  & pepper sandstone water 200-207 grey shale.
drawal of groundwater	e, the type, sirs and depth of each well or the general specifications of any of roundwater. Drilled 4 in steel casing.  207 ft. deep.  andwater withdrawn each year. 300,000 gallons  tered in the drilling of each well if svaliable.  5-20 gravel, 20-55 grey shale, 55-56 rock layer, 56  e, 60-61 rock layer 61-140 gray shale 140-143 rock.  & pepper sandstone water 200-207 grey shale.  similar nature as may be useful in carrying out the policy of this act, includ any county record.
drawal of groundwater	e, the type, sirs and depth of each well or the general specifications of any of roundwater. Drilled 4 in steel casing.  207 ft. deep.  andwater withdrawn each year. 300,000 gallons  tered in the drilling of each well if svaliable.  5-20 gravel, 20-55 grey shale, 55-56 rock layer, 56  e, 60-61 rock layer 61-140 gray shale 140-143 rock.  & pepper sandstone water 200-207 grey shale.  similar nature as may be useful in carrying out the policy of this act, includ any county record.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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Phillips Co.

Tiled 12-31-63.

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Jee \* 2.00.

R. V. Malouey Clerk or Lucaders

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		T23	R.35	
		County		
	MONTANA BUREAU OF MINES AN Butte, Montana	D GEOLOG	P)ECEIVE NI APR 5 1961	
	WATER WELL LOG		TATE ENGINE	ER
	Owner	Addres		
	Driller Robert. C Simpson	Addres	S Helta, Kontana	
	Date StartedMarch 2 1961	Date Co	ompleted	- 81961.
<del>X</del>	Location: Secgy 14.34. T.23			•
Type of well	drilled Equipment us (Dug, driven, bored, or drilled)	ed	·····	
-			hurn drill, rolary, other)	
Water use: Domestic	Municipal St	ock X	Irrigation	, e
Industrial	Drainage Other	r:		***************************************
Casing:Q	ft. to84ft. Typegod	.nt Size	4 13ch 9 1b	
Casing:	ft. toft. Type	Size	************************************	*************
Casing:	ft, toft. Type	Size	***************************************	*************
Perforated or Screened	: Ft 50 to 1t 75 F	t,	to ft	
Type of screen or perfo	rationsdrilled % inch boles			J
Static Water level, for	non-flowing well:			feet.
Shut-in pressure, for f	lowing well:lb./sq. in	. on:		*******
Dumning water lavel	feet at	10 6	(date)	
	hailer		. <del>-</del>	
	,	44 *************************		******************
	2 hours	**********	***************************************	
	cking, cementing, packers, type of shut-off, de		•	
two.ru	bbor pockers were weed above the perfo	erationa to	maka abut off	
,		•••••••••••••••••	\$75.	
		•••••		
		••••••••••	***************************************	····
		*********************		
O -	(over)			

		Log of Well
Depth,	feet	Description of Material Drilled
From	То	<u> </u>
0	15	brown clay see a boulders
15	22	conscionated gravel
22	65	green sandatone water in bottom portion of sandatone
65	70	light blue shale some hard streaks somewater
70	85	light blue shale
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		lind ock

nier # 15080

File No	· <del>···</del>		T 23 N R 33
DUPILICATE			County Phillips
	ADMINISTE	TATE OF MONTANA LATOR OF GROUNDWATER COL DE OF STATE ENGINEER	1111
_			JAN 27 1964
D <sub>0</sub>		Vested Groundwater	
	(Under Chapt	er 237, Montana Session Laws, 196	1)
1 J. J. Smith		, of(Address)	Malta
			(Town) ntana
have appropriated gro	undwater according	State ofMor	
N.			
	2	The beneficial use on which the classics Stock	nim is based
	a	. Date or approximate date of earl	
		ous the use has been Mar. 8, 1961	
v	E	***************************************	
x		. The amount of groundwater cla	
		per minute) 10 gal. per	
<u> </u>		<ol> <li>If used for irrigation, give the a to which water has been applied</li> </ol>	icreage and description of the lar ed and name of the owner ther
	_ 33	######################################	***************************************
W CW - 3123			
W 1/SW Sec 34 T23		***************************************	
Indicate point of apprand place of use, if possib	opriation le. Each		
Indicate point of appro	opriation le. Each	i. The means of withdrawing such tion of each well or other means of	water from the ground and the lo
Indicate point of apprand place of use, if possib	opriation le. Each	i. The means of withdrawing such tion of each well or other means of	water from the ground and the lo
Indicate point of apprand place of use, if possibumall square represents:  7. The date of comme	opriation le. Each 10 acres.	i. The means of withdrawing such tion of each well or other means of	water from the ground and the lo
Indicate point of apprand place of use, if possibumall square represents:  7. The date of comme	opriation le. Each 10 acres.	i. The means of withdrawing such tion of each well or other means of the pump.	water from the ground and the lo
Indicate point of apprand place of use, if possibsmall square represents:  7. The date of comme drawal of groundwa	opriation le. Each 10 acres.	i. The means of withdrawing such tion of each well or other means of the pump.	water from the ground and the lost withdrawal
Indicate point of apprand place of use, if possibunal square represents:  7. The date of comme drawal of groundwa  8. The depth of water t  9. So far as it may be	opriation le. Each 10 acres.  neement and completer	tion of each well or other means of gas pump tion of the construction of the well 1961Mar. 8, 1961 size and depth of each well or the	water from the ground and the lost withdrawal
Indicate point of apprand place of use, if possibumall square represents:  7. The date of comme drawal of groundwa  8. The depth of water t  9. So far as it may be works for the withdr	opriation le. Each 10 acres.  neement and completer	ition of the construction of the wellow and depth of each well or the size and depth of each well or the line 9# steel casing	water from the ground and the lost withdrawal.  II, wells, or other works for with the general specifications of any of the drilled well 84 ft.
Indicate point of apprand place of use, if possibumall square represents:  7. The date of comme drawal of groundwa  8. The depth of water t  9. So far as it may be works for the withdr	opriation le. Each 10 acres.  neement and completer	tion of each well or other means of gas pump tion of the construction of the well 1961Mar. 8, 1961 size and depth of each well or the	water from the ground and the lost withdrawal.  II, wells, or other works for with the second specifications of any of the drilled well 84 ft.
Indicate point of apprand place of use, if possibunal square represents:  7. The date of comme drawal of groundwa  8. The depth of water t  9. So far as it may be works for the withdrawal of t	opriation le. Each 10 acres.  neement and completer	tion of each well or other means of gas pump  tion of the construction of the well of the well of each well or the size and depth of each well or the fine 9# steel casing	water from the ground and the lost withdrawal
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Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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Page / of / GROUNDWATER INDEX County Phillips Twp. 22 n Rge. 26 E County File No. Type of Form Remarks Name of Appropriator 36 Lazy SD Cattle Co. 25-7007 662

GROUNDWATER INDEX

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County Phillips Twp. 22 n Rge. 26 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
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This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

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GROUNDWATER INDEX

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County Phillips Twp. 22 n Rge. 28 E

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File No...

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County Phillips

### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights DEC 13 1963

(Under	Chapter	237,	Montana	Session	Laws,	1961)
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STATE ENGINEER

3. Date or approximate date of carliest beneficial use; and how continuous the use has been Spring used since 1913; well-used since 1915;  4. The amount of groundwater claimed (in miner's inches or gallon per minute).5. gallons per minute for well;  2 gallons per minute for spring.  5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo	(Name of Appropriator)	(Address) (Town)
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Date December 11, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 8947

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3 GW 2 Revised 1969 13-3M-10/69

MONTANA WATER RESOURCES FOARD STATE OF MONTANA RECEIVED

ADMINISTRATOR OF GROUNDWATER CODE

MONTANA WATER RESOURCES

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and

height to which water rises in well.

### DEC 17 1973

### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Malta, Hontana 59538

(Under (	Chapter 237	Montana	Session L	aws, 1961	, as amend	led)	Top of	Ground	(Elev. above sea level)	
This form	to be prep	ared by	driller, an	d three co	pies to be	filed	From (Feet)	To (Feet)		_
which the	ner with the well is loca	e County	copy to h	e retained	in the cour	nty in	6	1	top soil	-
	wer all ques					se the	£	ਲ	gravel and olar	
	be returned		nor applica	.D.C, 30 314	10, 011101111		В	450	dark shale bear yes	_
•	-						150	490%	rock lever	
Owner Re	x Ulrich	1	-				150%	8	dark shale	
					nistrator's U		( <del>20</del> )	641	rock layer	
Address	alta, Mor	tana	F	ile2	5238	6	641	645_	dark shale	
			L.	o Lecen	noev 12,	1770	645	646	rook leyer	
***************************************				4:00	P. R.	2	663	663_ 664	fork shale	
	. Ook	-h E	1000				664	672	eardy gray shale	
Date well	started Oct	oner 5	TAVO   G	W 1			672	62406	rock layer	
	pleted Nove	when 14	1 3020				674%	685	pendetone	_
			-				685	687	rook laver	_
Tumo of w	ell	Dri'iled	1			1.5	\$87	726	eandy gray shale	
Type of W	en	••••••	(Du <sub>i</sub>	, đriven, bored	or drilled)	*********	726	728	rook layer	
Equipment	used R	otury					728 743	75	erry shile	_
	used	,	(C	hurn drill, rotas	y or other)		<del>600</del>	800	shaley sendetone	_
Water Use	: Domestic	☐ Mi	unicipal 🗀	Stock 🛣	] Irrigati	on 🗆	825		sandy grey shale	
				_	- •	_	9 <u>15                                    </u>	865	candel/one	_
Ind	lustrial 🔲	Drainage	e 🔲 Oth	ner 🔲*	Garden/Lav	wn 🔲	866	883	rock layer	
							881	895_	rrev shale	
*Describe			************		•••••••		]		Ar a	
USE: If us	sed for irrig	gation, ir	ndustrial, c	drainage or	r other. Ex	xplain,			100	
state	number of	acres and	d location (	or other da	ıta (i.e. Lot,	Block		† <b></b> -		
and	Addition)									
ESTIMATE	D ANNUAL	WITHDRA	WAL4	1.5a.,	a. G. G	Tallon,		<u> </u>		
Size of	Size and	From (Feet)	To (Feet)				=		<u> </u>	
Drilled Hole	Weight of Casing	(Feet)	(Feet)		PERFORATION		_	<del> </del>		
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		· -	1			1_		<del> </del>		
5	4" 11#	393	895	5/32	745	800				
	}			1	815	865		<del></del>		
	1		İ		865	895				
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	N N	<del></del>	Cana	t	vel 230	£		+		
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	<u> </u>		101	LO Wale	gallons	per minute				
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	х		beg							
W	<del> </del>	<del>  </del>			m ground	level.				Ę,
}	}	1	We	il develope	d by	lar				
	ļ  <i></i>		for		hours.	1		<b></b> _		
					r.c. Pump			-	<del></del>	
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	s		pac	kers, type	of shutoff)	***************************************		+		
CF.			*****			•••••	···		+	
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	// // // /// S // N.R S		••							
INDICATE	LOCATION	OF WE	LL AND P		USE, IF PO	OSSIBLE.				
INDICATE	•	OF WE	LL AND P		USE, IF PO	PSSIBLE.				
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INDICATE	LOCATION	OF WE	ELL AND P	ACRES.		PSSIBLE.				

\_ Show exact depth of bottom

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File No	or write	County PHILLIPS	•••••
DUPLICATE	ርጥ <b>ል</b> ጥፑ ሰ	F MONTANA	•••••
Top of Ground		D) C	
(Elev. above sea level)		elion of Groundwater 3 1962	
FU LI CO		y Means of Well ENGINE	ER
6-16 Brakel - Some sup water		ontana Session Laws, 1961)	
The sail sail share of	wream of Sand magazin		
34 9 Sandy Clay & furm Dr	Alier water well Only	Address Alanders	·
Time Dank Streets	te of Notice of Appropriation of	Groundwater	
218-215 SUM JULY		Date Completed 8-2-62	
70.016 Fair			
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327-123 5400	drilled)	other)	
3 VO 36 3 Sandy Class W sand		icipal 🗍 Stock 🖟 Irrigationage 🗍 Other 🗍	n 🗆
The state of all the	345	character and thickness of the diffe	ront
363 365 Hava finger from str	ata met with in drilling, such a	s soil, clay, shale, gravel, rock or s	and,
313.347 Clan	Show depth at which water is a ater-bearing strata and height to	encountered, thickness and characte which the water rises in the well.	er of
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393-99. Hard skarpgard of	Weight of (Feet)	(Feet) PERFORATIONS Kind From To	0.,
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4415 423 Sandy Clayactor			<del></del>
N	Static Water Level for non-f	lowing Well	.feet.
	Shut-in Pressure for Flowing	Well	پانستان
		gal. per mi	nute.
		flowing well	
- w 26			
·	How Tested	Length of Test	•
	Remarks: (Gravel packing, c	ementing, packers, type of shutoif, e of groundwater if not at well, and	loca-
		inent information, including numb	
8	acres irrigated, if	used for irrigation)	
5W 4WE Sec 26 T 22WR 286	Bentanita.	Colla-packer @ 18	,
Indicate location of well and place of use, if possible. Each		v	•
small square represents 10 acres.			
Show exact depth of bottom.		/1 .	····
, minimum chact depth of bottom		Driller's License Number	¥'
•		Offer Allin	•
		Driller's Signature	·•·····

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

ţ.,

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

grate of Montans,

232453

County of Phillips,

Filed for Record this

of Algorithm, and duly Rétorded in book

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Refurms.

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File	No

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T 22 N R 28 E

**DUPLICATE** 

County Phillips

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Project No. HI-R-HAR 19 1962

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

ı.	I, Bureau of Lend Management, of (Name of Appropriator) (Addr	ess)	•••••			Malt. (To	wn)	,	••••
	County of Fullilies , State of Hontan propriate groundwater in accordance with Chapter 237, 1	<b>6</b>				, iı	atend		ıp-
2.	The beneficial use to which water is to be applied is	••••		A	tocic	wa.t.o	ř		
	(describe lands to be benefited, if for irrigation)			•••••	*******	••••••			****
3.	The rate of use in gallops per minute or miner's inches of	grou	ındv	vater	clain	ned			••••
	20 gallone per minute								
4.	The annual period (inclusive dates) of intended use								
5.			_						
6.	The probable or intended date of commencement and com	nple	ion	of th	e we	il* or	well	s* ·	,
	Hay 1962	*******	•••••	********	*********				
7.	The location, type, size and depth of well or wells conten	npla	ted	swx	Sect	1on	23		
	T, 22 N., R. 28 E, - flowing - 4" - 435'		•••••		•••••	•••••		•••••••	
8,	. The probable or estimated depth of the water table or as	rtesi	an a	aquife	r	··········	700	•	
9.	Name, address and license number of the driller engaged		AAK	iron.	.Wals	r Ve	u p	-111	ing
	Glendive, Montana					•••••		••••	••••
0.	. Give such other similar information as may be use-	1			;	N T		<del></del>	ì
	ful in carrying out the policy of this act					╂╌┼	-	-	
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						6			•

SW 14 Sec. 23 TEZM R 28E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator /s/ Chester E. Conard

Chester E. Conard, Acting Distriplate February 20, 1962 Hanager

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

Win # 15221

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Refurns

Page / of / GROUNDWATER INDEX County Phillips Rgn. 24 E County File No. Type of Form Remarks Name of Appropriator 1959 motorich

ar C		Approved Stock Form-State Publish	ning Co., Helena, Montana—42234
Füe No.		,	221 R 295
DUPLICATE			County Phillips
		TATE OF MONTANA ATOR OF GROUNDWATER CODE	DECELAR
		E OF STATE ENGINEER	du DEC
	 '	Vastad Casandanter I	SELATE ENGINEER
	<b>eciaration of</b> (Under Chapter	Vested Groundwater I 237, Montana Session Laws, 1961)	ugnis · · ·
below M	town	Rogins	malta
(Name	of Appropriator)	ot (federess)	/ (Town)
County of have appropriated gro	mndwster according t	State of	to January 1, 1962, as follows:
N			
	2.	The beneficial use on which the clair	n is based
	а.	Date or approximate date of earlies ous the use has been	2 9 1 2 5 7 now continu-
*			
×	4.	The amount of groundwater claim	ned (in miner's inches or gallons
		per minute) to gallons	· · · · · · · · · · · · · · · · · · ·
		•	
	5.	If used for irrigation, give the set to which water has been applied	eage and description of the lands and name of the owner thereof
NE 1/SW800 / TA	LR49	74	
Indicate point of appr	ropriation		)#\$\{\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
and place of use, if possismall square represents	10 acres. 6.	. The means of withdrawing such we	
		tion of each well or other means of	Withdrawat
		**************************************	
7. The date of comm drawal of groundw	encement and complete	ion of the construction of the well,	wells, or, other works for with-
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8. The depth of water	table O		
9. So far as it may h	e available, the type,	size and depth of each well-or the	general specifications of an other
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10. The estimated amou	int of groundwater wi	thdrawn each year 5,000	, oo o jettine
11. The log of formation	ns engountered in the	drilling of each well is available	of held from
formal			
	)a ************************************	**************************************	
		re as may be useful in carrying ou	
***************************************			11 1
		Signature of Owner	Jahn III aloved
		Da	6 Dec 26,1763

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Filed: Dec 26, 1963 at: 1:20 P.M.

7. 22. 0

Rosaleni UMaloney



T 22 R 29 2
County Phillips

# MONTANA BUREAU OF MINES AND GEOLOGY STATE ENGINEER Butte, Mentana

WATER WELL LOG
Owner John Matsura Right Mutual Driller Claude & Ray Instituted Address Multa, Minitary Date Started april 31, 1959 Date Completed april 29, 195 Location: Sec. 7 7 2 R 2 14 sec £ N =
Type of well (Dug, driven, bored, or drilled) Equipment used (Chunghtill, rotary, other)
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:  Casting: O to 930 tt Type D Size 45 Mich
Casing: Siso
Casing: ft. to ft. Type Sim Perforated or Screened: Ft. 475 tq st. 650 Ft. 771 to st. 750
Type of screen or perforations.
Static Water level, for non-flowing well: Watter Comme to Suffice. Steet.
Shut-in pressure, for flowing well:lb./sq. in. on:
Pumping water level 6 feet at gal. per min
How tested: pumpla
Length of test 3 MICES
Remarks: (Gravel packing, cementing, packers, type of shut-off, depik of shut-off)

(over)

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Depth, feet From To	Description of Material Drilled
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12 459	Male
459 460	Brk (Tuickes)
460 462	Judith Giver formation
462 465	
465 471	Judith River formation
1170 110	Rock (grickes)
412 787	Rock HT willen
493 49/	Qudith Bur formation
496 49	Bock (18 milles)
498 513	Judith Bien formation
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514 563	
563 567	
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653 665	The state of the s
660 66	
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706 10	1 Book (22 willes)
108 74	o Judith Biver formation
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741 82.	3 Judith Biver formation
822 82	3 Rock (4 inches)

Log of Well

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869	871	Book (27 inches)	
871	905	Judith Bires formas	tion
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908	930	Judith Bir formation	~
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	Approved Stock Form—State Publishing Co., Helena, Montana—42234
File No	T 2 2NR 2 98
DUPLICATE	County Phillips
· ·	ATE OF MONTANA
· · · · · · · · · · · · · · · · · · ·	TOR OF GROUNDWATER CODE  OF STATE ENGINEER  DEC 3
Declaration of \	Vested Groundwater Rights TE ENGINEER
(Uzder Chapter	237, Montana Session Laws, 1961)
, John Matorial	of Regina Malta
(Name of Appropriator)	(Address) (Town) State of Mantan
have appropriated groundwater according to	the Montana laws in effect prior to January 1, 1962, as follows:
N 2	The beneficial use on which the claim is based Stoch water
	a de la companya della companya della companya de la companya della companya dell
3.	Date or approximate date of earliest beneficial use; and how continu-
	ous the use has been Ot 15/1946
W E	Continonia
4.	The amount of groundwater claimed (in miner's inches or gallons per minute)
5.	If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
SE 1/2 NESec. 2 T. 22 R. 29	A Fac
Indicate point of appropriation and place of use, if possible. Each	
small square represents 10 acres. 6.	The means of withdrawing such water from the ground and the loca- tion of each well or other means of withdrawal
	Jump
7. The data of commencement and complete	of the construction of the mail mails on whom transfer for mith
drawal of groundwater	on of the construction of the well, wells, or other works for with-
15,7746	1 f
8. The depth of water table 20	<i>f</i> 1.
<ol> <li>So far as it may be available, the type, a works for the withdrawal of groundwater</li> </ol>	size and depth of each well or the general specifications of any other
Stall Casing 330 fe	et to 10/70 feet sale joint
10. The estimated amount of groundwater wit	hotorom and man 3,000,000 Sallone
11. The log of formations en countered in the	- L/A-a
Cy 12 feft 5 5	8 feet file 5 48 feet to 1070
	re as may be useful in carrying out the policy of this act, including
	······································
	le material
	Signature of Owner John Malorich  Date Dec 24/763
	Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#15630

**236**585

Filed: Dec. 26, 1963 at: 1:15 pm. Fir & 2. ... Rosalino V. Maloney Olick & Bearder

GROUNDWATER INDEX

Page /of /

County Phillips

Twp. 22 //

Rge. 30 €

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	John Matorich	624	236583	
9	John Matorick Matorick Bros. Matorick Bros.	6N4	236582	
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GV.	Approved Stock Form—State Publishing Co., Helena, Montana 12234
File No.	
DUPLICATE	STATE OF MONTANA
ADMI	TETRATOR OF GEOUNDWATER CODE DECENVE
/\\o`	OFFICE OF STATE ENGINEER
<b>Declaration</b>	of Vested Groundwater Rights FNGINEER
(Under	Chapter 237, Montana Session Laws, 1961)
1 l materia	1 Pagin Maste
News of Appropriate	r) (Address) (Town)
County of front have appropriated groundwater accor	ding to the Montana laws in effect prior to January 1, 1962, as follows:
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	49 24 - 1944 19 19 19 19 19 19 19 19 19 19 19 19 19
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been
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	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute) 4.1/2 Jellous per munut
	<ol><li>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof</li></ol>
N E 45E Sec. 7 T22 R30	7
Indicate point of appropriation	
and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
, V	tion of each well or other means of withdrawal
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7. The date of commencement and commence	ompletion of the construction of the well, wells, or other works for with
To a separate of	The first of 181176 of the 2
8. The depth of water table	7
9. So far as it may be available, the	type, size and depth of each well or the general specifications of any other
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the log of formations incountered	in the drilling of each, well is available) of feet a 2 feet
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12. Such other information of a similar reference to book and page of any	ar nature as may be useful in carrying out the policy of this act, including county record
***************************************	A 10- 4
	John Malouch
	Signature of Owner Date Dec 24/963
	Date Dec 26/1403

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Feld: Dec. 26, 1963 at: 1:05 p.m. Fee # 27, 00 Rosalinul Maloney

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File N		T 29 1 30 E
DUPL	ICATE 87	County Phillips
	A TOPTHTOMP	TATE OF MONTANA  TOR OF GROUNDWATER GODE DECEIVED
	Y	S OF STATE ENGINEER
	Declaration of	Vested Groundwater Rights ENGINEER
		Vested Groundwater Rights ENGINEER  237, Montana Session Laws, 1961)
	Il mot	Region Malta
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	4.	The amount of groundwater claimed (in miner's inches or gallons per minute)
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and mail	place of use, if possible. Each square represents 10 acres.	The means of withdrawing such water from the ground and the loca-
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		Signature of Owner the Malouriel
		Signature of Owner the Malouril
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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Eureau of Mines and Geology, and Quadruplicate for the Appropriator.

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Filed: Dec. 26, 1963 at: 1:00 P.M. Fee & 2.00 Rosolenol Maloney Clerk & Reender

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	Approved Stock Form—State Publishing Co., Helens, Montana—47234
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PLICATE	County Killips
ž.	ADMINISTRATOR OF GROUNDWATER CODE
<b>X</b>	OFFICE OF STATE ENGINEER
\$ 6455 F	
Tec	claration of Vested Groundwater Kignis
. 1	(Under Chapter 237, Montana Session Laws, 1961) STATE FINGINEER
Mad on	h Bros. a Regina
(Name of	Appropriator) (Address) /// (Town)
Company of	(1,0(1,0)) State of //ontail4
have appropriated groun	ndwater appording to the Montana laws in effect prior to January 1, 1962, as follows:
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	3. Date or approximate date of earliest beneficial use; and how continu-
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Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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R.V. Maloney Olerk v Recorder

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reference to	book and page of any cou	nty record		
*			<b>04</b> - <b>1</b> - 2	^
			Martin M	wowiel
		Signature of	Owner Date Dec 30	
			Date Dec. 50	,1163

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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Jeled Dec 31,1963. at 8:44 H.M. Fre & 2.00

R.V. Maloney Work & Recorder GROUNDWATER INDEX

Page \_\_\_\_/\_of\_\_\_/\_

County Phillips

2) N Rge. 24 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
/	Bresser of Sport Fisheries a Wildlife	624	2 3 6822	
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File No		T. 21. H. R. 244
DUPLICATE		County Phillips
ADMI	STATE OF MONTANA NISTRATOR OF GROUNDWATER OFFICE OF STATE ENGINEER OF Vested Groundw Change 237 Montana Session Law	Charles M. Bassell Matter Wildlife Many James Co R CODE Juistoni, Mostani JAN 10 1984
Fish and Wildlife Service, Dep (Name of Appropriator	pt. of the Interior P. 0.	Box 3737 K. E. Holladay St., Portland
County of Malinosta	State of Orest	n 97208
have appropriated groundwater ac	cording to the Montana laws in ef	fect prior to January 1, 1962, as follows
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and place of use, if possible. Each small square represents 10 acres.  Army Lands Tract 77	location of each well or or	ng such water from the ground and the ther means of withdrawal
7. The date of commencement and condrawal of groundwater	ompletion of the construction of the date of completion is known	he well, wells, or other works for wit
8. The depth of water tableXo1x	formation is available on fo	restions found during drilling
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	Signature of Ow J.N. Bar	origins Arnod by mer
Three copies to be filed by the owner	with the County Clerk and Recor	der of the county in which the well
located. Please answer all questions. If not app	nlicable so state albempise the form	m will be returned

Original to the County Clerk and Recorder; duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Feled: De. 30, 1963 at: 4:13 P.M. Fu # 2. ~

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President

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Page \_\_/of\_/\_ GROUNDWATER INDEX County Philips Twp. 210 Rge. 27C County File No. Name of Appropriator Type of Form Remarks Sec. Lazy SD Cattle Co Bureau of Land Management. Bareau of Land Management GN 2 235885 6W1 6w2 23200

Pile No.  DUFLICATE  Top of Ground	GW 2		Dry Covice ZINZ7E1ACC
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ADMINISTRATOR OF GROUNDWAFER ONE OF GROUNDWAFER OF	DUPLIC	ATE 22	11/
Notice of Completion of Green Age 1820   Appropriation by Means of Well   EER			ADMINISTRATOR OF GROUNDWATER CODE
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Date of Notice of Appropriation of Groundwater.  196-180 Mark by hard as his pite well started. ID-3H-bate Compieted. ID-328-6.3.  190-317 segment as his pite of well. Churn, drill, rotary or other)  191-319 Y Mark by the of well. Churn, drill, rotary or other)  191-319 Y Mark by the of well. Churn, drill, rotary or other)  191-319 Y Mark by the or well. Industrial Drainage Stock ID Irrigation Drainage Stock ID Irrigat	<b>*3</b>	248 Standard Darasto	- Driller all lison wester well ad thes Dendule Taint.
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Static Water Level for non-flowing Well.  Static Water Level for non-flowing Well.  Shut-in Pressure for Flowing Well.  Pumping Water Level.  Discharge in gal. per min. of flowing well.  Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use, if possible. Each small square represents 10 acres.  Show exact depth of bottom.	3/9	358 Blackon	
Static Water Level for non-flowing Well.  Shut in Pressure for Flowing well.  Shut in Pressure is not a second for the form in formation, including number of acres irrigated, if used for irrigation).  Shut in Pressure is the well.  Shut in Pressure is the well.  Shut in Pressure is	308	311 Light ch. V/firm on	
Static Water Level for non-flowing Well  Static Water Level for non-flowing Well  Pumping Water Level  Pumping Water Level  Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use, if possible. Each small square represents 10 acres.  Show exact depth of bottom.	377		Indicate on the diagram the character and thickness of the different
pearing strata and height to which water rises in the well.    393	\$29.	193 ferm sand stringer	strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-
Static Water Level for non-flowing Well.    Water Level   Shut in Pressure for Flowing Well.   Shut in Shut in Pressure for Flowing Well.   Shut in Pressure fo	393	395 Shale rock a	hearing strata and height to which water rises in the well.
Static Water Level for non-flowing Well.  Shut-in Pressure for Flowing Well.  Pumping Water Level.  Shut-in Pressure for Flowing Well.  Pumping Water Level.  Discharge in gal. per min. of flowing well.  How Tested.  Remarks: (Gravel packing, cementing, packers, type of shutoff, lecetion of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)  Packers of the similar pertinent information, including number of acres irrigated, if used for irrigation)  Packers of the similar pertinent information, including number of acres irrigated, if used for irrigation)  Packers of the similar pertinent information, including number of acres irrigated, if used for irrigation)  Packers of the similar pertinent information, including number of acres irrigated, if used for irrigation)  Packers of the similar pertinent information, including number of acres irrigated, if used for irrigation)  Packers of the similar pertinent information, including number of acres irrigated, if used for irrigation)  Packers of the similar pertinent information, including number of acres irrigated, if used for irrigation)  Packers of the similar pertinent information, including number of acres irrigated, if used for irrigation)	393	399- Hard Simer of the	line of Sine and From To
Static Water Level for non-flowing Well.    Static Water Level for non-flowing Well.   Shut-in Pressure for Flowing Well.	399	403 med soft sendston	Hole Caring
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Shut-in Pressure for Flowing Well  Pumping Water Level  Pumping Water Level  Discharge in gal. per min. of flowing well  How Tested  Length of Test  Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)  ACC  HILLANDE Sec. TAIN RATE  Indicate location of well and place of use, if possible. Each small square represents 10 acres.  Show exact depth of bottom.	403.	19 Men. Hoppanis 4	74 2 500. 1 7 410000 \$75 272
Shut-in Pressure for Flowing Well  Pumping Water Level  Pumping Water Level  Discharge in gal. per min. of flowing well  How Tested  Length of Test  Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)  ACC  HILLANDE Sec. TAIN RATE  Indicate location of well and place of use, if possible. Each small square represents 10 acres.  Show exact depth of bottom.		Start and	
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Pumping Water Level feet at gal. per minute.  Discharge in gal. per min. of flowing well  How Tested Length of Test  Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)  Gacker Let 330 4-90  Show exact depth of bottom.	-	N N	Static Water Level for non-flowing Well
Discharge in gal. per min. of flowing well. 3. Gol.  How Tested			Shut-in Pressure for Flowing Well.
How Tested Length of Test  Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)  ACC 5  Indicate location of well and place of use, if possible. Each small square represents 10 acres.  Show exact depth of bottom.		-	
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tion of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)    CC   TOIN ROTE	-	W	
tion of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)    CC   TOIN ROTE	·		Remarks: (Gravel packing, cementing, packers, type of shutoff, loca-
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Tain Rate  Indicate location of well and place of use, if possible. Each small square represents 10 acres.  Show exact depth of bottom.	-		
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place of use, if possible. Each small square represents 10 acres.  Show exact depth of bottom.			ad gacker set a 350 4 10
Show exact depth of bottom.		place of use, if possible. Eac	ch
	-	ameri adnesse rebreacuts to selen	
Driller's Liceuse Number	<u> </u>	Show exact depth of bottom.	6/
NATU (LIKEON			Driller's License Number
Driller's Signature			CLATA CULKOOA

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

235885

State of Montana,

County of Phillips,

Filed for Record this. ....day of 72001.... A. D. 19631 A. 5

GW 1			2 <i>IN</i> 2	764	DAA	_	
	No	T	21. N	R	27. <b>X</b>		4
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DUI	LICATE STATE OF MONTANA	Com	1 t y			M	••
	ADMINISTRATOR OF GROUNDY ATER COI	DE		ols (			
	OFFICE OF STATE ENGINEER		Pzp	) E	C F	9-8	253
	Notice of Appropriation of Groundway		ij	์ปั๊ผ	AR 1	. 19 19	62 L
	(Under Chapter 237, Montana Session Laws, 19	961)				ـــــــ	
_	Jureau of Land Hanagement of		S	Al	ŁE	NGI	NEE
1.	(Name of Appropriator) (Address)			(To	wn)	*	•••
	County of Phillips State of Montana			, iz	atend	to ar	<b>)-</b>
	propriate groundwater in accordance with Chapter 237, Montana						
2.	The beneficial use to which water is to be applied is		À	tocky	nter.	••••••	
	(describe lands to be benefited, if for irrigation)		*********	*********	******	******************************	•••
3.	The rate of use in gallons per minute or miner's inches of groundy	water	clair	ned	••••••		
	20 gallons per minute						
4.	The annual period (inclusive dates) of intended use						
5.	The probable or intended date of first beneficial use	ley 1	962.		•••••		*• .
6.	The probable or intended date of commencement and completion	of ti	he we	ell* or	well	g <b>* .</b>	, ·
	Nay 1962		F 200				
7.	The location, type, size and depth of well or wells contemplated						
	floring - 4" - 600 ·				******		
8.	The probable or estimated depth of the water table or artesian s	aquif	er		400		
	Name, address and license number of the driller engaged Addison						
•	Glendive, Montana						
10				Ħ .			
10,	Give such other similar information as may be use-		T			$\sqcap$	
	ful in carrying out the policy of this act		_	11	_	$\top$	
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		+-+		7		1	

NE 1/4 Sec. 4 T21N R 27E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator /s/ Chester E. Conard Chester E. Conard Acting District
Date February 20, 1962 Manager

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



<sup>\*</sup> As defined in the Code Sec 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

## 231152

State of Montana, County of Phillips, Free 7 . "

GW 2		•	_		
File No	***********************	15-	_	T 2INR 27	E
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7 12 Acks	Jele		- <del></del>		
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902.102 Al	we shall Within Di	riller AdKison W.	ATER WENDY	Gless GLENY'S	La
rock	streets	ate of Notice of Ann	ropristion of Gro	oundwater	
122.444 A	TIU DAQUE		-	Date Completed 7-	
444-446	# m	_			
416-1479	an shale T	ype of well. (dug, driven, bored	e.d Equi	pment Used Ro.T.A. Churn, arill, rotary o	7,5 J
479- 149 X	la brand rock	drilled)		other)	•
33	15 gal. low @499 W	ater Use: Domestic			Irrigation 🗀
777-307 22	who or	. Industrial			
501-509 776	to the sand fact	I Indicate on the di rata met with in dri	agram the chara lling, such as soi	icter and thickness of il, clay, shale, gravel,	f the different rock or sand.
579-518 Sar	ot in the confect	c. Show depth at whi	ich water is enco	untered, thickness an	nd character of
548.538 Sen	to they by Brown W	ater-bearing strata at	na neight to whi	ch the water rises in	the well.
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	cate location of well and e of use, if possible. Each		•		_
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Snow e	exact depth of bottom.		 <del>T</del>	Criller's License Num	har
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			$C_{\Gamma}^{L}$	TON UNESSO	ب

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and F >- corder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator. 2086

State of Montana, County of Phillips, 

GROUNDWATER INDEX

Page \_\_/of\_/\_

County Phillips Twp. 21h Rge. 29 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
/	Frank Lock	604	236813	
, a	martin materiale	1961	229725	
2	martin matericke Materick Bros.	GN4	236912	
	Fresk Kock	1961	12393021	
6	Frank Jock	664	3 368/7	
8	Frank dock	604	236814	
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11. The log of formations encountered in the drilling of each well if available 0.50 Clay, Grays, Stale 50-300 Orey Shale 300-308 Shale years the Gray Shale 305 468 Gray Shale 305 468 Gray Shale 305 468 Gray Shale 305 560 Sto Sandy Shale 550 Stale 560 Sto Sandy Shale 613 635 Rock 625 Sto Sandy Shale 613 635 Rock 625 Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

reference to book and page of any county record...... none

Signature of Owner JA

Date 12-24-65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Pureau of Mines and Goology, and Quadruplicate for the Appropriator. 29 135